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VECTORS CARRYING THERAPEUTIC GENES ENCODING
ANTIMICROBIAL PEPTIDES FOR GENE THERAPY

ABSTRACT OF THE DISCLOSURE

The present invention relates to recombinant vectors
5 carrying sequences encoding naturally occurring
antimicrobial peptides or derivatives thereof for the
treatment of mammalian tumours and viral infections such as
HIV infections and bacterial and fungal infections. In
particular the present invention relates to retroviral
10 vectors. Furthermore, the present invention relates to
retroviral vectors which undergo promoter conversion
(Procon vectors) carrying such sequences. Since these
vectors also carry tumour or virus specific regulatory
elements, the therapeutic antimicrobial peptide will be
15 delivered and expressed only in relevant, affected cells
and not in innocent bystander cells.

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